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17 JAN 2001
SA
6/15/01
mlyIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Henry William Mengel
Filed : Herewith
For : USE OF ON-SCREEN DISPLAY (OSD) FOR SUPPLYING
CONTROL AND AUXILIARY INFORMATION TO
EXTERNAL DEVICES

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Sir:

In the US national phase application of PCT/US99/16187 filed
herewith, please enter the following amendments:

IN THE ABSTRACT:

Please add the following Abstract.

--Control or other information may be added to a video signal having no blanking intervals, as from a digital satellite receiver, a digital television converter/set-top box or the like, and decoded and utilized by a receiving external device, through utilization of the OSD capabilities of the receiver and external device. The information is insertable during non-blanking of the video and can be utilized to convey control information, signatures/watermarks, or the like from the receiver to the external device. Thus, the OSD can be used to deliver control or other information usually included in the blanking interval of an analog television signal by including the control or other information in non-blanking portions. A device external to the device providing the OSD capability will receive the data in the non-blanking region and process the data to obtain the required information.--

REMARKS

To meet the requirements of the United States, the Abstract (as originally filed in the PCT application) is added.